

SYSTEM AND METHOD FOR  
COMMUNICATING DATA

Abstract Of The Disclosure

The present invention provides a system and  
5 method for communicating data between a source  
application process and one or more destination  
application processes. This system and method perform  
conversion and routing functions which require only a  
single conversion of all outbound transmissions  
10 regardless of the variety of destinations, and only a  
single conversion of all inbound transmissions  
regardless of the variety of sources. The functions  
also enable changes, additions, and deletions of  
sources and destinations of transmissions to be made  
15 without modification of a source or destination  
application process and without taking a source or  
destination application process off-line. The  
functions further enable this system and method to be  
implemented in virtually any enterprise architecture  
20 without requiring that each processing system of the  
architecture be custom built. These conversion and  
routing functions are performed by first receiving data  
to be transmitted in a source format from a source  
application. This data are then converted from the  
25 source format to a standard format. Next, one or more  
destinations are identified in a database using a  
transaction type corresponding to the data and/or the  
address of the source application. After identifying

the one or more destinations, a copy of the data is transmitted to each and the data are then converted from the standard format to a destination format. Lastly, this converted data are passed to the  
5 destination process.